

LUBRICATION
ORDER

L05-4310-227-15

6 SEPTEMBER 1966 (SUPERSEDES: LO 5-4310-227-15, 15 JUNE 1965)

COMPRESSOR, RECIPROCATING, AIR: GASOLINE DRIVEN; 15

CFM;175 PSI, RECEIVER MOUNTED (CHAMPION PNEU-

MATIC MODEL OEG-458-ENG-1)

(CHAMPION PNEUMATIC MODEL OEG-458-ENG-2)

(CHAMPION PNEUMATIC MODEL OEG-485-ENG-3)

BASE MOUNTED FOR MOUNTING ON ORD TRAILER, WINTER

IZED (CHAMPION PNEUMATIC MODEL BMW-452-ENG)

BASE MOUNTED, WINTERIZED CHAMPION PNEUMATIC

MODEL BMW-452-ENG-1)

Reference LO 5-2805-203-14 FOR MODEL-OEG-458-ENG-3, and C9100-IL

FOLD

FOLD

Intervals are based on normal hours of operation. Reduce to compensate for abnormal operations and severe conditions. During inactive periods, sufficient lubrication must be performed for adequate preservation.

Clean fittings before lubricating.

Clean parts with SOLVENT, dry-cleaning, or with OIL, fuel, Diesel. Dry before lubricating.

Relubricate after washing or fording,

Drain Crankcase when hot. Fill and check level.

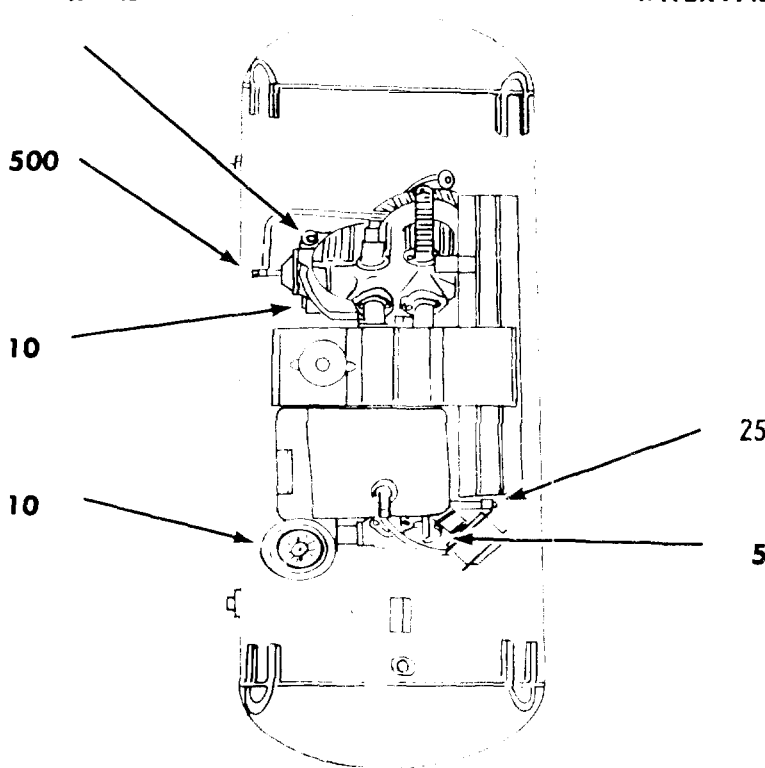
LUBRICANT • INTERVAL

Compressor Crankcase 2190
Fill Plug TEP
(See Key)

Compressor Crankcase 500
Drain Plug
(Drain and refill)

Compressor Crankcase 10
Oil Level Sight Gage
(Check Level)

Engine Air Cleaner OE 10
(Refill oil reservoir to level mark; every 50 hours, disassemble entire unit, clean, re-oil and reassemble)
(See Key)



INTERVAL • LUBRICANT

25 Engine Crankcase
Drain Plug
(Drain and refill)

5 OE Engine Crankcase
Fill and Level Cap
(See Key)
(Check level)

CAUTION: When OES oil is used the level will be checked more often.

MODEL OEG-458-ENG-1-ENG-2-ENG-3

LUBRICANT • INTERVAL

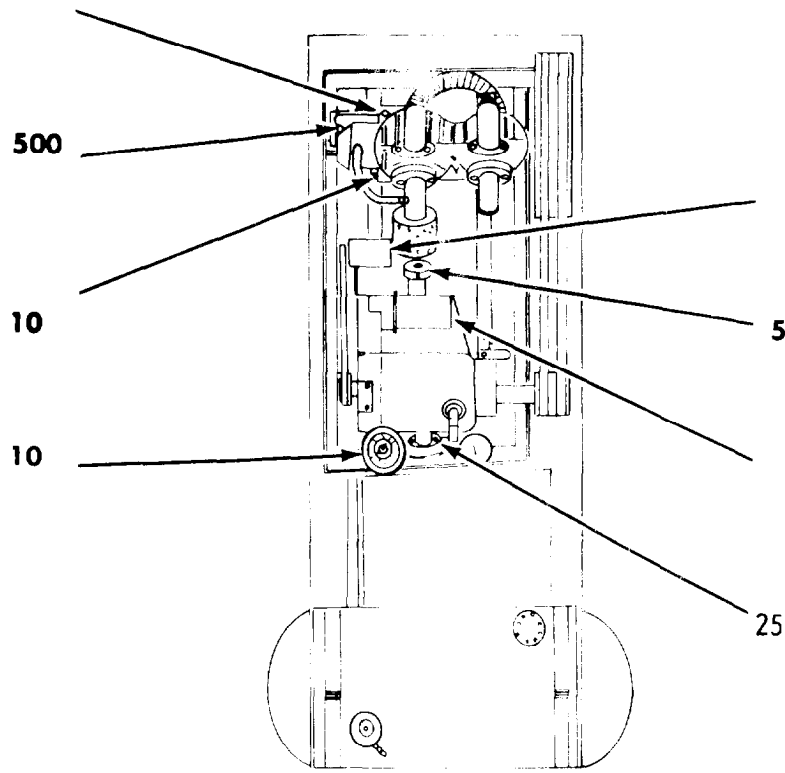
INTERVAL • LUBRICANT

Compressor Crankcase 2190
Fill Plug TEP
(See Key)

Compressor Crankcase
Drain Plug
(Drain and refill)

Compressor Crankcase
Oil Level Sight Gage
(Check level)

Engine Air Cleaner OE 10
(Refill oil reservoir
to level mark; every
50 hours, dis-
assemble entire unit,
clean, re-oil and
reassemble)
(See Key)



Generator
(Sealed bearings, no
lubrication required)

5 OE Engine Crankcase Fill
and Level Cap
(See Key)
(Check Level)

Starter
(Sealed bearings, no
lubrication required)

25 Engine Crankcase
Drain Plug
(Drain and refill)

CAUTION: When OES
oil is used the
level will be
checked more often.

MODEL BMW-452-ENG

and

MODEL BMW-452-ENG-1

FOLD

FOLD

-KEY-

LUBRICANT	CAPACITY	EXPECTED TEMPERATURES			INTERVALS
		Above +32°F	+40°F to -10°F	0° F to -65°F	
2190-TEP LUBRICATING OIL, General Purpose					Intervals given are in hours of normal operation.
Compressor Crankcase	2 1/2 qt ea	2190 TEP	2110 TH	2075 TH	
OE - OIL, Engine, Heavy Duty					
Engine Air Cleaner	1/5 qt ea	OE 30 or 9250	OE 10 or 9110	OES	
Engine Crankcase	1 qt ea				
Oil Can Points					
OES-OIL, Engine, Sub-zero					

NOTES:

1. FOR OPERATION OF EQUIPMENT IN PROTRACTED COLD TEMPERATURES BELOW -10°F. Remove lubricants prescribed in the key for temperatures above -10°F. Clean parts with SOLVENT, dry-cleaning. Relubricate with lubricants specified in the key for temperatures below -10°F.

2. OIL CAN POINTS. Every 50 hours lubricate control and all exposed adjusting threads with OE.

Copy of this Lubrication Order will remain with the equipment at all times; instructions contained herein are mandatory.

BY ORDER OF THE
SECRETARY OF THE ARMY:

HAROLD K. JOHNSON,
General, United States Army,
Chief of Staff

OFFICIAL:

KENNETH G. WICKHAM,
Major General, United States Army,
The Adjutant General.

LO 5-4310-227-15 DISTRIBUTION: Active Army: USASA (2); ACS1 (1); DCSLOG (1); CNGB (1); TSG (1); CofEngrs (3); CC-E (1); Dir of Trans (1); CofSp5 (1); USAMB (1); USAARTYBD (2); USAARMBD (2); USAJB (2); USAADBD (2); USAAESWBD (2); USAAVNBD (2); USCONARC (3); OS Maj Comd (5) except USASETAF (2); USARJ (2); USAMOCOM (2); MDW (1); Armies (2); Corps (2); Div (2); Bde (2); Div Arty (2); Regt/Gp/BG (2); Bn (1); Co (1); Svc Colleges (2); Br Svc Sch (2); USACDCEC (10); USMA (2); GENDEP (10); Engr Dep (10); A Dep (2) except TOAD (1); USA Tml Comd (2); Army Tml (2); Div Engr (2); Dist Engr (2); USAERDL (3); USAMEC (46); Engr Cen (5); USAREUR Engr Proc Cen (2); USAREUR Engr Sup Con Agcy (10); Engr FLDMS (2); Ft Knox FLDMS (10); Fld Comd, DASA (8); AMS (3); USAREURCOMZ (2); USAC (1); MAAG (1); JBUSMC (1); NG: State AG (3); USAR: Same as Active Army except allowance is one copy to each unit. For explanation of abbreviations used, see AR 320-50.

**LUBRICATION
ORDER**

LO 5-4310-227-15

6 SEPTEMBER 1966 (SUPERSEDES: LO 5-4310-227-15, 15 JUNE 1965)

**COMPRESSOR, RECIPROCATING, AIR: GASOLINE DRIVEN; 15
CFM; 175 PSI, RECEIVER MOUNTED (CHAMPION PNEU-
MATIC MODEL OEG-458-ENG-1)**

(CHAMPION PNEUMATIC MODEL OEG-458-ENG-2)

(CHAMPION PNEUMATIC MODEL OEG-485-ENG-3)

**BASE MOUNTED FOR MOUNTING ON ORD TRAILER, WINTER
IZED (CHAMPION PNEUMATIC MODEL BMW-452-ENG)**

**BASE MOUNTED, WINTERIZED (CHAMPION PNEUMATIC
MODEL BMW-452-ENG-1)**

Reference LO 5-2805-203-14 FOR MODEL OEG-458-ENG-3, and C9100-1L

FOLD

FOLD

Intervals are based on normal hours of operation. Reduce to compensate for abnormal operations and severe conditions. During inactive periods, sufficient lubrication must be performed for adequate preservation.

Clean fittings before lubricating.

Clean parts with SOLVENT, dry-cleaning, or with OIL, fuel, Diesel. Dry before lubricating.

Relubricate after washing or fording.

Drain Crankcase when hot. Fill and check level.

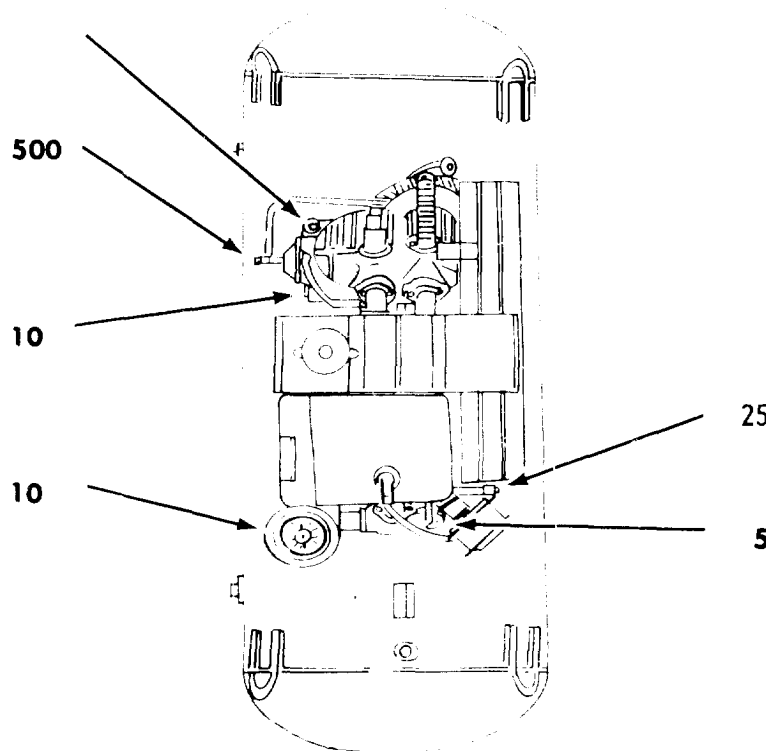
LUBRICANT • INTERVAL

Compressor Crankcase 2190
Fill Plug TEP
(See Key)

Compressor Crankcase 500
Drain Plug
(Drain and refill)

Compressor Crankcase 10
Oil Level Sight Gage
(Check Level)

Engine Air Cleaner OE 10
(Refill oil reservoir to level mark; every 50 hours, disassemble entire unit, clean, re-oil and reassemble)
(See Key)



INTERVAL • LUBRICANT

25 Engine Crankcase
Drain Plug
(Drain and refill)

5 OE Engine Crankcase
Fill and Level Cap
(See Key)
(Check level)

CAUTION: When OES oil is used the level will be checked more often.

MODEL DEG-458-ENG 1-ENG-2-ENG-3

LUBRICANT • INTERVAL

INTERVAL • LUBRICANT

Compressor Crankcase 2190
Fill Plug TEP
(See Key)

Compressor Crankcase
Drain Plug
(Drain and refill)

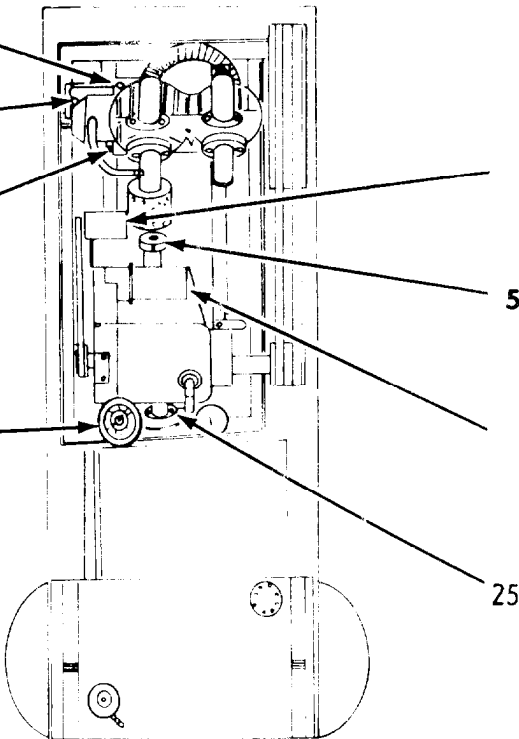
Compressor Crankcase
Oil Level Sight Gage
(Check level)

Engine Air Cleaner OE 10
(Refill oil reservoir
to level mark; every
50 hours, dis-
assemble entire unit,
clean, re-oil and
reassemble)
(See Key)

500

10

OE 10



Generator
(Sealed bearings, no
lubrication required)

OE Engine Crankcase Fill
and Level Cap
(See Key)
(Check Level)

Starter
(Sealed bearings, no
lubrication required)

Engine Crankcase
Drain Plug
(Drain and refill)

CAUTION: When OES
oil is used the
level will be
checked more often.

MODEL BMW-452-ENG

and

MODEL BMW-452-ENG-1

FOLD

FOLD

-KEY-

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Compressor Crankcase	2 1/2 qt ea				
OE - OIL, Engine, Heavy Duty		OE 30	OE 10	OES	
Engine Air Cleaner	1/5 qt ea	or	or		
Engine Crankcase	1 qt ea	9250	9110		
Oil Can Points					
OES-OIL, Engine, Sub-zero					

NOTES:

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